

Zhenlei Zhou

List of Publications by Year in descending order

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Version: 2024-02-01

29
papers

315
citations

933447

10
h-index

888059

17
g-index

30
all docs

30
docs citations

30
times ranked

407
citing authors

#	ARTICLE	IF	CITATIONS
1	Multi-mycotoxin analysis of animal feed and animal-derived food using LC-MS/MS system with timed and highly selective reaction monitoring. <i>Analytical and Bioanalytical Chemistry</i> , 2015, 407, 7359-7368.	3.7	67
2	Toxicity and oxidative stress induced by T-2 toxin and HT-2 toxin in broilers and broiler hepatocytes. <i>Food and Chemical Toxicology</i> , 2016, 87, 128-137.	3.6	63
3	Delicate changes of bioapatite mineral in pig femur with addition of dietary xylooligosaccharide: Evidences from Raman spectroscopy and ICP. <i>Animal Science Journal</i> , 2017, 88, 1820-1826.	1.4	22
4	Analysis of the codon usage of the ORF2 gene of feline calicivirus. <i>Infection, Genetics and Evolution</i> , 2017, 54, 54-59.	2.3	19
5	Letrozole induced low estrogen levels affected the expressions of duodenal and renal calcium-processing gene in laying hens. <i>General and Comparative Endocrinology</i> , 2018, 255, 49-55.	1.8	15
6	Toxicity induced by F ₂ -contaminated feed and the protective effect of Montmorillonite supplementation in broilers. <i>Food and Chemical Toxicology</i> , 2014, 74, 120-130.	3.6	14
7	Changes of lipid and bone metabolism in broilers with spontaneous femoral head necrosis. <i>Poultry Science</i> , 2021, 100, 100808.	3.4	14
8	Influences of lead exposure on its accumulation in organs, meat, eggs and bone during laying period of hens. <i>Poultry Science</i> , 2021, 100, 101249.	3.4	13
9	Dietary sodium butyrate and/or vitamin D3 supplementation alters growth performance, meat quality, chemical composition, and oxidative stability in broilers. <i>Food Chemistry</i> , 2022, 390, 133138.	8.2	12
10	Endoplasmic reticulum stress affected chondrocyte apoptosis in femoral head necrosis induced by glucocorticoid in broilers. <i>Poultry Science</i> , 2019, 98, 1111-1120.	3.4	11
11	Effect of Xylo-Oligosaccharides Supplementation by Drinking Water on the Bone Properties and Related Calcium Transporters in Growing Mice. <i>Nutrients</i> , 2020, 12, 3542.	4.1	8
12	Cartilage Homeostasis Affects Femoral Head Necrosis Induced by Methylprednisolone in Broilers. <i>International Journal of Molecular Sciences</i> , 2020, 21, 4841.	4.1	8
13	Effects of corticosterone on the metabolic activity of cultured chicken chondrocytes. <i>BMC Veterinary Research</i> , 2015, 11, 86.	1.9	7
14	Differences in pathogenicity and virulence-associated gene expression among <i>Pasteurella multocida</i> strains with high and low virulence in a lung tissue model. <i>Microbial Pathogenesis</i> , 2020, 140, 103911.	2.9	6
15	Abnormal Lipid Profile in Fast-Growing Broilers With Spontaneous Femoral Head Necrosis. <i>Frontiers in Physiology</i> , 2021, 12, 685968.	2.8	6
16	GABAA Receptor/STEP61 Signaling Pathway May Be Involved in Emulsified Isoflurane Anesthesia in Rats. <i>International Journal of Molecular Sciences</i> , 2020, 21, 4078.	4.1	5
17	Letrozole induced changes in bone mineral properties and mechanical functions of laying hens. <i>Poultry Science</i> , 2019, 98, 2562-2569.	3.4	4
18	Molecular epidemiology of type I and II feline coronavirus from cats with suspected feline infectious peritonitis in China between 2019 and 2021. <i>Archives of Virology</i> , 2022, 167, 189-194.	2.1	4

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19	Microsatellite instability in Marek's Disease Virus infected primary chicken embryo fibroblasts. <i>Virology Journal</i> , 2012, 9, 193.	3.4	3
20	Influences of bioapatite mineral and fibril structure on the mechanical properties of chicken bone during the laying period. <i>Poultry Science</i> , 2019, 98, 6393-6399.	3.4	3
21	Endoplasmic reticulum stress, chondrocyte apoptosis and oxidative stress in cartilage of broilers affected by spontaneous femoral head necrosis. <i>Poultry Science</i> , 2021, 100, 101258.	3.4	3
22	Effect of transient receptor potential vanilloid 6 gene silencing on the expression of calcium transport genes in chicken osteoblasts. <i>Poultry Science</i> , 2015, 94, 395-401.	3.4	2
23	Applying Pb ²⁺ to probe the dissolution of carbonated hydroxylapatite by <i>Enterobacter</i> sp.: A new insight into the bioerosion of tooth mineral. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2021, 109, 1230-1238.	3.4	2
24	Mineralogical changes of bioapatite in femoral bones of mice during pregnancy. <i>Spectroscopy Letters</i> , 2017, 50, 336-341.	1.0	1
25	Identifying Initiation and Aging of Hens During the Laying Period by Raman Analysis of Beaks. <i>Journal of Poultry Science</i> , 2019, 56, 159-165.	1.6	1
26	Biosafety, and improvement of osteoporosis in cage layers through using chOPG protein. <i>Saudi Journal of Biological Sciences</i> , 2020, 27, 288-295.	3.8	1
27	Expression and Regulation of the GABAA Receptor/STEP61 Signaling Pathway in Cerebral Cortical Neurons Treated with Emulsified Isoflurane In Vitro. <i>ACS Chemical Neuroscience</i> , 2020, 11, 4329-4335.	3.5	1
28	Dexmedetomidine combined with etomidate or emulsified isoflurane for induction reduced cardiopulmonary response in dogs. <i>PLoS ONE</i> , 2018, 13, e0208625.	2.5	0
29	Autophagy in Femoral Head Necrosis of Broilers Bone Metabolism Parameters and Autophagy-Related Gene Expression in Femoral Head Necrosis Induced by Glucocorticoid in Broilers. <i>Frontiers in Veterinary Science</i> , 2021, 8, 746087.	2.2	0